

CLAIMS

- 5 1. An assessment device comprising a first part adapted to undertake an assay wherein said part comprises at least one sample application well, in fluid connection with at least one primary conduit; wherein either, or both, of said well and said conduit contain material(s) for sampling a fluid sample; and a test ready indicator whereby a user can determine when a sample has been suitably assayed; and a second part which is a detachable recording device adapted to store information relating to at least to said sample after said assay has been completed and which is in data communication with said first part for storing assay results.
- 10 2. An assessment device according to Claim 1 wherein said assessment device and/or recording part is selectively sized and shaped to facilitate handling and transport of same to a processing facility.
- 15 a 3. An assessment device according to Claims 1 ~~or 2~~ wherein said recording part is adapted to facilitate the transfer of data via electronic means.
- 20 a 4. An assessment device according to Claims 1 ~~3~~ wherein said recording part is in retro-fit form.
- 25 a 5. An assessment device according to Claims 1 ~~4~~ wherein said recording part is a microchip or a micro processor.
- a 6. An assessment device according to Claims 1 ~~5~~ wherein said recording part is a photographic recording means.
- 30 a 7. An assessment device according to Claims 1 ~~6~~ wherein said assay part is characterised by multiple sample application wells.

8. An assessment device according to Claim 7 wherein at least one of said sample application wells is impregnated with material(s) for assaying a fluid sample.

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a 9. An assessment device according to Claim 7 ~~or 8~~ wherein said primary conduit contains reagents suitable for diluting said sample fluid.

a 10. An assessment device comprising a primary conduit according to Claims 7-9 wherein said primary conduit is suitably sized to facilitate capillary flow of said sample fluid therethrough.

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a 11. An assessment device according to Claims 7-10 wherein said assay part is provided with at least one secondary conduit which is in fluid connection with one or more of said sample application wells.

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12. An assessment device according to Claim 11 wherein said secondary conduit is suitably sized to facilitate capillary flow of said sample fluid therethrough.

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a 13. An assessment device according to Claims 11 ~~or 12~~ wherein said secondary conduit contains assay reagents.

14. An assessment device according to Claim 13 wherein said assay reagents are of a different nature to the assay reagents in the said primary conduit.

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15. An assessment device according to Claim 14 wherein said assay reagents are compatible with the assay reagents of the primary conduit so as to provide, in total, for the complete and selected assaying of said

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fluid sample as it flows through either or both primary and/or secondary conduits.

5 a 16. An assessment device according to Claims ~~1-15~~ wherein said assessment device includes at least one control or calibration means.

10 a 17. An assessment device according to Claims ~~1-16~~ wherein said assay part is provided with at least one detection zone to facilitate detection of the product(s) and/or responses of an assay.

18. A method to assay and record a tissue/fluid sample comprising;

15 a i) applying a sample to at least one sample application well of an assessment device according to Claims ~~1-17~~;

ii) mixing said sample with at least primary assay reagents; and

iii) recording the data from i)-ii) via the recording part.

20 a 19. A kit comprising an assessment device according to ~~any preceding claim~~ comprising an assessment device, assay reagents and, optionally, protective packaging for transport of the recording device to a processing facility.

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AMENDED SHEET